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TITLE: MIXED FIBER COMPOSITE STRUCTURES: METHOD OF
PREPARATION, ARTICLES THEREFROM, AND USES THEREFOR

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ABSTRACT:

CHG DATE=19990617 STATUS=O>A family of composites are characterized as a network of a first fiber and at least a second fiber, where at least the first fibers have a multiplicity of bonded junctions at their point of crossing. The largest class has metals as one or both of the fibers, although the second fiber can be of

materials such as carbon, ceramics, and high surface area materials. The composites can be simply prepared and manifest enormous variation in such properties as void volume, pore size, and electrical properties generally.